EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20060137777"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 14:01
L2	2	"6338765".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:24
L3	2	"20020043313"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:24
L4	2	"20020124402"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:24
L5	2	"20020014100"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:24
L6	10	l1 or l2 or l3 or l4 or l5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:24
L7	702	(Ishikawa near2 Tadashi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:25
L8	17	(Nakashima near2 Kiyotaka).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:26

L9	28	(Nose near2 Tetsuro).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:26
L10	849020	(Nippon).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:26
L11	5	(L7 or L8 or L9) and ("2009").py.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:26
L12	32	(L7 or L8 or L9) and ("2008").py.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:26
L13	37	(L7 or L8 or L9) and (ultra$2son $6 or ultrasound or ultrasonic or UIT or peen$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:28
L14	6346	(L10) and (ultra$2son$6 or ultrasound or ultrasonic or UIT or peen$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:31
L15	349	(L10) and (ultra$2son$6 or ultrasound or ultrasonic) near5 (peen$4 or treat$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:32
L16	47	(US-20050230010-$ or US-20020014100-$ or US-20020043313-$ or US-20020189726-$ or US-20040244882-$ or US-20060137777-$ or US-20020124402-$ or US-20070134059-$ or US-20060130942-$).did. or (US-6467321-$ or US-3937055-$ or US-5976314-$ or US-6338765-$ or US-6458225-$ or US-6171415-$ or US-3349461-$ or US-7399371-$).did. or (WO-	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/10/29 15:32

		2004046399-$ or WO-2004046398-$ or WO-2004046395-$ or WO-2004046394-$ or WO-2004046392-$ or WO-2004040023-$).did. or (JP-2003183769-$ or JP-2004169105-$ or JP-2004169103-$ or JP-2004169099-$ or JP-2004169078-$ or JP-2004167519-$ or JP-2003113418-$ or JP-2003001477-$ or JP-2004169104-$ or JP-2004169100-$ or JP-2004169077-$ or JP-2004167363-$ or JP-2004149843-$).did. or (US-6171415-$ or US-6338765-$ or JP-2003113418-$ or JP-2004130313-$ or JP-2004148383-$ or SU-1420035-$ or WO-9117273-$ or WO-02101097-$ or WO-2004040023-$ or US-20020014100-$ or US-20020043313-$).did.				
L17	331	L15 not L16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 15:32
L18	7	JP "09234585" OR JP "64079320" OR JP "52022843" OR JP "2002291397" OR JP "2003113418"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 16:19
L19	99	(statnikov).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 16:21
L20	1034	(Prokopenko).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 16:21

L21	27260	(ultra$2sonic$4 or ultra $2sound) near5 (peen$4 or treat$4 or hammer$4 or indent $8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 16:21
L22	48	(L19 or L20) and L21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 16:22
L23	11	L22 and (pin or needle or hammer) same (diameter or radius)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 16:23
L24	14	L22 and (pin or needle or hammer or tip or indenter) same (diameter or radius)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 16:25
L25	680	148/516,525,558.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 16:59
L26	119	29/81.13,81.14,81.15.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:00
L27	692	72/53.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:00
L28	8419	B23K31/00 or B23K031/00	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:00
L29	2301	C21D7/04 or C21D007/04 or C21D7/06 or C21D007/06	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:00

L30	662	C21D10/00 or C21D010/00	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:00
L31	1383	M24-D06$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:00
L37	13537	I25 or I26 or L27 or L28 or L29 or I30 or L31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:03
L38	55	(US-20050230010-$ or US-20020014100-$ or US-20020043313-$ or US-20020189726-$ or US-20040244882-$ or US-20060137777-$ or US-20020124402-$ or US-20070134059-$ or US-20060130942-$).did. or (US-6467321-$ or US-3937055-$ or US-5976314-$ or US-6338765-$ or US-6458225-$ or US-6171415-$ or US-3349461-$ or US-7399371-$).did. or (WO-2004046399-$ or WO-2004046398-$ or WO-2004046395-$ or WO-2004046394-$ or WO-2004046392-$ or WO-2004040023-$ or WO-2004046560-$ or WO-2004042093-$ or WO-2004040022-$).did. or (JP-2003183769-$ or JP-2004169105-$ or JP-2004169103-$ or JP-2004169099-$ or JP-2004169078-$ or JP-2004167519-$ or JP-2003113418-$ or JP-2003001477-$ or JP-2004169104-$ or JP-2004169100-$ or JP-2004169077-$ or JP-2004167363-$ or JP-2004149843-$ or JP-2007284777-$).did. or (US-6171415-$ or US-6338765-$ or JP-2003113418-$ or JP-2004130313-$ or JP-	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/10/29 17:03

		2004148383-$ or SU-1420035-$ or WO-9117273-$ or WO-02101097-$ or WO-2004040023-$ or US-20020014100-$ or US-20020043313-$ or JP-2007283355-$ or JP-2006051540-$ or CA-2454776-$ or WO-2004046394-$).did.				
L39	13495	L37 not L38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:03
L40	159	L39 and (ultra$2sonic$4 or ultra $2sound) near5 (peen$4 or treat$4 or hammer$4 or indent $8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:04
L41	154	L40 not L24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:05
L42	11	L41 and (pin or needle or hammer or tip or indenter) same (diameter or radius)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:05
L43	20	L41 and ("2009").py.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:06
L44	30	L42 or L43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/10/29 17:10
S1	726	(Ishikawa near2 Tadashi)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 03:53

S2	16	(Nakashima near2 Kiyotaka)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 03:53
S3	28	(Nose near2 Tetsuro)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 03:54
S4	164	(S1 or S2 or S3) and (ultra$2so $8 or peen$4 or weld$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 03:54
S5	566	S1 not S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 03:54
S6	1	JP "09010985"	DERWENT	ADJ	ON	2009/01/04 03:56
S7	1	JP "08174422"	DERWENT	ADJ	ON	2009/01/04 03:56
S8	1	US "6338765"	DERWENT	ADJ	ON	2009/01/04 03:57
S9	1	US "6171415"	DERWENT	ADJ	ON	2009/01/04 03:57
S10	1	WO "2004040023"	DERWENT	ADJ	ON	2009/01/04 03:57
S11	1	US "20060137777"	DERWENT	ADJ	ON	2009/01/04 03:57
S12	1	US "20050242066"	DERWENT	ADJ	ON	2009/01/04 03:57
S13	1	US "20020014100"	DERWENT	ADJ	ON	2009/01/04 03:57
S14	1	US "6467321"	DERWENT	ADJ	ON	2009/01/04 03:57
S15	1	US "20070134059"	DERWENT	ADJ	ON	2009/01/04 03:57
S16	6	S8 or S9 or S10 or S11 or S12 or S13 or S14 or S15	DERWENT	ADJ	ON	2009/01/04 03:58
S17	8	(JP-09010985-$ or JP-08174422-$ or WO-2004033144-$ or US-20050242066-$ or WO-2004040023-$ or US-20020014100-$ or US-6171415-$ or US-6338765-$).did.	DERWENT	ADJ	ON	2009/01/04 03:58

S18	164	S4 not S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 03:58
S19	194	(S1 or S2 or S3) and (ultra$2so $8 or peen$4 or weld$4 or pin or pinning or pinned)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:01
S20	2	JP "2003113418"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:03
S21	2	JP "2004130313"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:03
S22	9	("20020056303" | "20020069687" | "20020124402" | "20020189726" | "5625664" | "6289705" | "6338765" | "6467321" | "6926780").PN. OR ("7399371").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/04 04:05
S23	25	("2356314" | "3150888" | "3349461" | "3359611" | "3451490" | "3595325" | "3609851" | "3680643" | "3937055" | "6171415").PN. OR ("6467321").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/04 04:08
S24	73	("1703111" | "1770932" | "20020014100" | "20020037219" | "20020043313" | "20040173290" | "20040244882" | "20050145306" | "20050242066" | "20060016858" | "20060057836" | "20060237104" | "2537533" | "3210843" | "3274033" | "3622404" | "3650016" | "3661655" | "3782160" | "3864542" | "3945098" | "3961739" | "4049186" | "4126031" | "4214923" | "4250726" | "4330699" | "4453392" | "4491001" | "4624402" | "4823599"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/04 04:09

		"4887662" | "4968359" | "5035142" | "5166885" | "5193375" | "5242512" | "5286313" | "5302218" | "5330790" | "5352305" | "5525429" | "5569018" | "5654992" | "5664648" | "5674328" | "5756965" | "5771729" | "5826453" | "5841033" | "5976314" | "6144012" | "6171415" | "6223974" | "6225598" | "6269669" | "6289705" | "6289736" | "6338765" | "6458225" | "6467321" | "6517319" | "6722175" | "6843957" | "6932876" | "7032725" | "RE16599").PN. OR ("7344609").URPN.				
S25	2	JP "2002220647"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:28
S26	3105	(Nippon Steel) and (ultra$2so $8 or peen$4 or pin or pinned or pinning)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:29
S27	534	(Nippon Steel) and (ultra$2so $8 or peen$4 or pin or pinned or pinning) and (weld$4) not S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:29
S28	98	(Nippon Steel) and (ultra$2so $8) same (pin or pinned or pinning or peen or peened or peening or impact$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:30
S29	81	(Nippon Steel) and (ultra$2so $8) same (pin or pinned or pinning or peen or peened or peening or impact$4) not S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:30
S30	100	(S22 or S23 or S24)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:37

S31	20	(US-20050230010-$).did. or (US-6467321-$).did. or (JP-2003183769-$ or JP-2004169105-$ or JP-2004169103-$ or JP-2004169099-$ or JP-2004169078-$ or JP-2004167519-$ or JP-2003113418-$).did. or (JP-09010985-$ or JP-08174422-$ or WO-2004033144-$ or US-20050242066-$ or WO-2004040023-$ or US-20020014100-$ or US-6171415-$ or US-6338765-$ or JP-2003113418-$ or JP-2004130313-$ or JP-2004148383-$).did.	US-PGPUB; USPAT; JPO; DERWENT	ADJ	ON	2009/01/04 04:37
S32	98	S30 not (S31 or S19 or S29)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:37
S33	22	("3274033" | "4823599" | "4968359" | "5035142" | "5242512" | "5286313").PN. OR ("6338765").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/04 04:43
S34	67788	(ultra$2so$8) same (impact$4 or peen or peened or peening or pin or pinned or pinning or shock$ or treat$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:48
S35	10044	S34 and weld$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:49
S36	7069	S35 and (radius or diameter or amplitude)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:49
S37	36792	(ultra$2so$8) near10 (impact$4 or peen or peened or peening or pin or pinned or pinning or shock$ or treat$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:50

S38	5343	(ultra$2so$8) near10 (impact $4 or peen or peened or peening or pin or pinned or pinning)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:50
S39	1871	S38 and weld$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:50
S40	378	S39 and pin same (diameter or radius)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:50
S41	128	S39 and pin same (diameter or radius) same (millimeter or mm)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:51
S42	394	S39 and amplitude	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 04:54
S43	9	US "6467321"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:03
S44	16	("2356314" | "3150888" | "3349461" | "3359611" | "3451490" | "3595325" | "3609851" | "3680643" | "3937055" | "6171415").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/01/04 05:03
S45	1098	Prokopenko	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:06
S46	130	Statnikov	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:06

S47	10267	Xiong	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:06
S48	55	Berthelet	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:06
S49	31	(UIT or ultraso$6 adj2 impact $4 adj2 treat$4).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:07
S50	11538	S45 or S46 or S47 or S48 or S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:07
S51	578	S50 and (ultra$2so$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:07
S52	91	S50 and (ultra$2so$8) same (impact$4 or needl$4 or pin or pinned or pinning or shock$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:07
S53	1614	S50 and (amplitude or radius or diameter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:09
S54	310	S50 and (amplitude or radius or diameter) and ultra$3so$8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:09
S55	340	S52 or S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:10

S56	1205	72/53.ccls. or 148/525,558. ccls. or 29/81.13,81.14,81.15. ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:17
S57	105	S56 and (ultra$2so$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:17
S58	1	FR "2292045"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:21
S59	1	DE "3438742"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:21
S60	1	EP "82519"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:21
S61	3	US "4030947"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:21
S62	5283	m23-J$2 or M24-D06$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:25
S63	12	B21J00/$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:26
S64	1184	B23K020/10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:26

S65	3	B21J000/00	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:26
S66	3	B21J000/$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:26
S67	192	C21D010/00	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:26
S68	6671	S62 or S63 or S64 or S65 or S66 or S67	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:27
S69	1097	S68 and ultra$2so$8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:27
S70	643	S69 and weld$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:27
S71	65	S68 and ultra$2so$8 near10 (impact$4 or needl$4 or pin or pinned or pinning or shock or hammer$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 05:28
S72	61	(Nippon adj2 Steel) and (amplitude same ultra$3so$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:07
S73	22	(Nippon adj2 Steel) and (weld$4 near5 toe same ultra$3so$8)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:08

S74	401	(Sugimoto near2 Masakazu).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:09
S75	62	(Tominaga near2 Noriyoshi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:09
S76	74	(Kondo near2 Tetsumi).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:09
S77	28	(S74 or S75 or S76) and (ultra $3so$8) and (peen$4 or impact or shock)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:10
S78	29	(S74 or S75 or S76) and (ultra $3so$8) and (peen$4 or impact $4 or shock)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:10
S79	1	WO "02101097"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:30
S80	2	JP "09234585"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:39
S81	2	JP "10296461"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:39
S82	27	"6338765"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/01/04 06:42

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L32	531	148/516,525,558.ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/10/29 17:01
L33	76	29/81.13,81.14,81.15.ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/10/29 17:01
L34	405	72/53.ccls.	US-PGPUB; USPAT; UPAD	ADJ	ON	2009/10/29 17:01
L35	417	(ultra$2sonic$4 or ultra$2sound) near5 (peen$4 or treat$4 or hammer$4 or indent$8)	UPAD	ADJ	ON	2009/10/29 17:01
L36	36	L35 and (pin or needle or hammer or tip or indenter) same (diameter or radius)	UPAD	ADJ	ON	2009/10/29 17:02

10/29/2009 5:12:50 PM
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